



[> home](#) [> about](#) [> feedback](#) [> login](#)

US Patent & Trademark Office



Try the *new* Portal design

Give us your opinion after using it.

Search Results

Search Results for: **[FIFO<AND>((reordering message))]**

Found **7** of **130,565** searched.

Search within Results



[> Advanced Search](#)

[> Search Help/Tips](#)

Sort by: **Title** **Publication** **Publication Date** **Score** **Binder**

Results 1 - 7 of 7 short listing

1 Delayed Internet routing convergence 80%

Craig Labovitz , Abha Ahuja , Abhijit Bose , Farnam Jahanian
IEEE/ACM Transactions on Networking (TON) June 2001
 Volume 9 Issue 3

This paper examines the latency in Internet path failure, failover, and repair due to the convergence properties of interdomain routing. Unlike circuit-switched paths which exhibit failover on the order of milliseconds, our experimental measurements show that interdomain routers in the packet-switched Internet may take tens of minutes to reach a consistent view of the network topology after a fault. These delays stem temporary routing table fluctuations formed during the operation of the Bo ...

2 Reliable communications in FTL 77%

Ivan Kalas
Proceedings of the 1995 conference of the Centre for Advanced Studies on Collaborative research November 1995

Local-area networks based on high-bandwidth packet-switching technology, such as ATM, show a tremendous promise in reducing communication latencies and overheads. However, the lack of flow-control and reliable delivery in ATM networks requires the higher protocol layers to deal with cell loss or corruption. While it is possible to use TCP-based communications over ATM, the protocol mismatch results in a significant loss of the bandwidth. In addition to this, there is also a significant mismatch ...


3 Multicast group membership management 77%

Joshua Auerbach , Madan Gopal , Marc Kaplan , Shay Kutten
IEEE/ACM Transactions on Networking (TON) February 2003
 Volume 11 Issue 1

Multicast services, assisted by special hardware, are being considered as a part of high-speed wide-area networks (WANs) in order to support new generations of multiuser applications. This paper describes an application multicast service for high-speed WANs which is capable of exploiting multicast hardware. Indeed, this research

was conducted in context of the spanning tree hardware structure of PARIS and of plaNET, the pioneering broadband experimental networks that predated ATM. The results of ...

4 A survey of rollback-recovery protocols in message-passing systems 77%


 E. N. (Mootaz) Elnozahy , Lorenzo Alvisi , Yi-Min Wang , David B. Johnson

ACM Computing Surveys (CSUR) September 2002

Volume 34 Issue 3

This survey covers rollback-recovery techniques that do not require special language constructs. In the first part of the survey we classify rollback-recovery protocols into *checkpoint-based* and *log-based*. *Checkpoint-based* protocols rely solely on checkpointing for system state restoration. Checkpointing can be coordinated, uncoordinated, or communication-induced. *Log-based* protocols combine checkpointing with logging of nondeterministic events, encoded in tuples call ...

5 Building reliable, high-performance communication systems from components 77%


 Xiaoming Liu , Christoph Kreitz , Robbert van Renesse , Jason Hickey , Mark Hayden , Kenneth Birman , Robert Constable

ACM SIGOPS Operating Systems Review , Proceedings of the seventeenth ACM symposium on operating systems principles December 1999

Volume 33 Issue 5

Although building systems from components has attractions, this approach also has problems. Can we be sure that a certain configuration of components is correct? Can it perform as well as a monolithic system? Our paper answers these questions for the Ensemble communication architecture by showing how, with help of the Nuprl formal system, configurations may be checked against specifications, and how optimized code can be synthesized from these configurations. The performance results show that we ...


6 Fast broadcast in high-speed networks 77%

 Ajei Gopal , Inder Gopal , Shay Kutten

IEEE/ACM Transactions on Networking (TON) April 1999

Volume 7 Issue 2

7 The Totem multiple-ring ordering and topology maintenance protocol 77%

 D. A. Agarwal , L. E. Moser , P. M. Melliar-Smith , R. K. Budhia

ACM Transactions on Computer Systems (TOCS) May 1998

Volume 16 Issue 2

The Totem multiple-ring protocol provides reliable totally ordered delivery of messages across multiple local-area networks interconnected by gateways. This consistent message order is maintained in the presence of network partitioning and remerging, and of processor failure and recovery. The protocol provides accurate topology change information as part of the global total order of messages. It addresses the issue of scalability and achieves a latency that increases logarithmically with ...

Results 1 - 7 of 7 short listing

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore
RELEASE 1.8

Welcome
United States Patent and Trademark Office

Help FAQ Terms IEEE Peer Review Quick Links

Welcome to IEEE Xplore

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Your search matched **2** of **1022101** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Connection management for the transport layer: service specification and protocol verification

Murphy, S.L.; Shankar, A.U.;

Communications, IEEE Transactions on , Volume: 39 , Issue: 12 , Dec. 1991
Pages:1762 - 1775

[\[Abstract\]](#) [\[PDF Full-Text \(1268 KB\)\]](#) **IEEE JNL**

2 Sporadic information sources

Loher, U.;

Information Theory, 1995. Proceedings., 1995 IEEE International Symposium on , 17-22 Sept. 1995
Pages:44

[\[Abstract\]](#) [\[PDF Full-Text \(96 KB\)\]](#) **IEEE CNF**

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved